

HIGH-TEMPERATURE MODELING METHOD**ABSTRACT OF THE DISCLOSURE**

A method for three-dimensional modeling builds up three-dimensional objects in a heated build chamber by dispensing modeling material from a dispensing head onto a base in a predetermined pattern. Physical and thermal separation are maintained between the heated build chamber and motion control components that control the motion of the dispensing head and the base. Thermal isolation of the motion control components from the build chamber allows the chamber to be maintained at a high temperature, and has other practical advantages as well.